

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An infusion set, comprising:

a base for providing ~~an~~ a subcutaneous infusion path in a first generally linear direction, said base having a first surface that faces a skin surface of a user when said base is supported on said skin surface and when said infusion set is used to pass fluids to said user;

a cannula connected to and extending away from the base;

a connector removably attachable to the base, the connector having a fluid flow path that extends in generally the first linear direction and aligns with the linear subcutaneous path upon the connector being attached to the base; and

a tubing affixed to the connector,

wherein the connector is rotatable on the base more than 5 degrees while the cannula is at a subcutaneous position and limited to less than 360 degrees around an axis that is substantially perpendicular to said first surface of said base, when the connector is removably attached to the base,

wherein the connector comprises at least one stop surface for inhibiting rotation of the connector beyond 360 degrees; and

wherein a contiguous passage for passing fluids is formed from the tubing to the cannula when the connector is removably attached to the base.

2. (Original) The infusion set of Claim 1, wherein the base comprises at least one barrier extending away from a surface of the base.

3. (Original) The infusion set of Claim 2, wherein the at least one stop surface extends away from a surface of the connector.

4. (Original) The infusion set of Claim 3, wherein the at least one barrier is disposed on the base so that it restricts the movement of the at least one stop surface when the connector is rotated about the base.
5. (Original) The infusion set of Claim 1, wherein the connector is limited to a rotation of 60 degrees when the connector is removably attached to the base.
6. (Original) The infusion set of Claim 1, wherein the connector is limited to a rotation of 90 degrees when the connector is removably attached to the base.
7. (Original) The infusion set of Claim 1, wherein the connector is limited to a rotation of 120 degrees when the connector is removably attached to the base.
8. (Original) The infusion set of Claim 1, further comprising:
 - a hub removably affixable to the base;
 - a needle attached to the hub, the needle being removably insertable into the cannula; and
 - a cover for covering the needle.
9. (Original) The infusion set of Claim 8, further comprising an adhesive pad affixed to the base, wherein the cannula extends through the adhesive pad.
10. (Currently Amended) A method for using an infusion set, comprising:
 - positioning a base on an infusion site of a user, said base having a first surface that faces a skin surface of said user when said base is supported on said skin surface and positioned on said infusion site, the base for providing a subcutaneous infusion path in a first generally linear direction;
 - positioning a connector onto the base, the connector comprising a delivery tubing and at least one stop surface for inhibiting rotation of the connector beyond 360 degrees with respect to the base, the connector having a fluid flow path that extends in generally the first linear direction

and aligns with the linear subcutaneous path upon the connector being positioned on the base;
and

adjusting a position of the delivery tubing, to rotate more than 5 degrees while a cannula is at a subcutaneous position and the rotation is limited to less than 360 degrees in a rotational direction around an axis that is substantially perpendicular to said first surface of said base.

11. (Original) The method of Claim 10, wherein adjusting the position of the delivery tubing is limited to a range of 120 degrees.

12. (Original) The method of Claim 10, wherein adjusting the position of the delivery tubing is limited to a range of 90 degrees.

13. (Original) The method of Claim 10, wherein adjusting the position of the delivery tubing is limited to a range of 60 degrees.

14. (Original) The method of Claim 10, wherein adjusting the position of the delivery tubing is limited to a range of 30 degrees.

15. (Currently Amended) A subcutaneous infusion set, comprising:

a base portion having a receiving area, said base portion having a first surface that faces a skin surface of a user when said base portion is supported on said skin surface and when said subcutaneous infusion set is used to pass fluids to said user, the base portion for providing a subcutaneous infusion path in a first generally linear direction;

a cannula affixed to the base portion;

a connector portion for removable attachment to the base, the connector portion being received in the receiving area of the base portion, the connector portion having a fluid flow path that extends in generally the first linear direction and aligns with the linear subcutaneous path upon the connector portion being attached to the base portion; and

a tubing affixed to the connector portion,
wherein an angular movement of the connector portion is allowed to be more than 5 degrees while the cannula is at a subcutaneous position and is restricted by the base portion to less than 360 degrees around an axis that is substantially perpendicular to said first surface of said base portion,
wherein the connector portion comprises at least one stop surface for inhibiting rotation of the connector beyond 360 degrees, and
wherein a fluid passes from the tubing to the cannula when the connector portion is attached to the base.

16. (Original) The infusion set of Claim 15, wherein the base portion comprises at least one first member extending away from a surface of the base portion.

17. (Previously Presented) The infusion set of Claim 16, wherein the at least one stop surface extends away from a surface of the connector portion.

18. (Previously Presented) The infusion set of Claim 17, wherein the at least one first member is disposed on the base portion so that it restricts the movement of the at least one stop surface when the connector portion is rotated about the base portion.

19. (Previously Presented) The infusion set of Claim 15, wherein the connector portion is limited to a rotation of 60 degrees when the connector portion is removably attached to the base portion.

20. (Previously Presented) The infusion set of Claim 15, wherein the connector portion is limited to a rotation of 90 degrees when the connector portion is removably attached to the base portion.

21. (Previously Presented) The infusion set of Claim 15, wherein the connector portion is limited to a rotation of 120 degrees when the connector portion is removably attached to the base portion.

22. (Original) The infusion set of Claim 15, further comprising:
a hub removably affixable to the base portion;
a needle attached to the hub, the needle being removably insertable into the cannula; and
a cover for covering the needle.

23. (Original) The infusion set of Claim 22, further comprising an adhesive pad affixed to the base, wherein the cannula extends through the adhesive pad.

24. (Cancelled).

25. (Cancelled).

26. (Previously Presented) The infusion set of claim 1, wherein the connector is rotatable on the base to more than 10 degrees and limited to less than 360 degrees around said axis.

27. (Previously Presented) The method of claim 10, wherein said adjusting the position of the delivery tubing is allowed to more than 10 degrees and limited to less than 360 degrees in said rotational direction around said axis.

28. (Previously Presented) The infusion set of claim 15, wherein the angular movement of the connector portion is further allowed to more than 10 degrees around said axis.

29. (Cancelled).

30. (Cancelled).

31. (Currently Amended) An infusion set, comprising:

a base for providing ~~an~~ a subcutaneous infusion path in a first generally linear direction;

a cannula connected to and extending away from the base;

a connector removably attachable to the base in any one of at least two different connection positions, said connector being rotatable more than 5 degrees on said base while the cannula is at a subcutaneous position, each connection position of said at least two different connection positions allowing for different possible relative orientations of said connector with respect to said base when said connector is rotated on said base, the connector having a fluid flow path that extends in generally the first linear direction and aligns with the linear subcutaneous path upon the connector being attached to the base; and

a tubing affixed to the connector,

wherein said base comprises at least two barriers that are spaced apart from each other around a circumference of said base;

wherein said connector comprises a stop surface for preventing further rotation of said connector in a particular rotational direction on said base when said stop surface contacts one of said at least two barriers of said base; and

wherein a plurality of intervals around said circumference of said base are defined between barriers of said at least two barriers; and

wherein each of the at least two different connection positions provides for placing the stop surface of the connector within a respectively different interval of said plurality of intervals than all other connection positions of said at least two different connection positions.

32. (Previously Presented) The infusion set of claim 31,

wherein a first interval of said plurality of intervals is limited to less than 120 degrees around said circumference of said base.

33. (Previously Presented) The infusion set of claim 31,

wherein said connector includes a plurality of stops, each stop of said plurality of stops being located in a respectively different interval of said plurality of intervals when said connector is attached to said base.

34. (Currently Amended) An infusion set comprising:

a base for providing ~~an~~ a subcutaneous infusion path in a first generally linear direction;

a cannula connected to and extending away from the base;

a connector removably attachable to the base in any one of at least two different connection positions, said connector being rotatable more than 5 degrees on said base while the cannula is at a subcutaneous position, each connection position of said at least two different connection positions allowing for different possible relative orientations of said connector with respect to said base when said connector is rotated on said base, the connector having a fluid flow path that extends in generally the first linear direction and aligns with the linear subcutaneous path upon the connector being attached to the base; and

a tubing affixed to the connector;

wherein the connector comprises at least one stop surface for inhibiting rotation of the connector beyond 360 degrees;

wherein said base comprises at least two barriers that are spaced apart from each other around a circumference of said base;

wherein said at least one stop surface contacts one of said at least two barriers of said base;

wherein a plurality of intervals around said circumference of said base are defined between barriers of said at least two barriers; and

wherein each of the at least two different connection positions provides for placing the stop of the connector within a respectively different interval of said plurality of intervals than all other connection positions of said at least two different connection positions.

35. (Previously Presented) The infusion set of claim 34,

wherein a first interval of said plurality of intervals is limited to less than 120 degrees around said circumference of said base.

36. (Previously Presented) The infusion set of claim 34,

wherein said connector includes a plurality of stops, each stop of said plurality of stops being located in a respectively different interval of said plurality of intervals when said connector is attached to said base.

37. (Previously Presented) The infusion set of claim 1, wherein said base comprises at least two barriers that are spaced apart from each other around a circumference of said base to create at least two rotational intervals around the circumference of said base for the rotation of the connector.

38. (Previously Presented) The method of Claim 10, wherein said base comprises at least two barriers that are spaced apart from each other around a circumference of said base to create at least two rotational intervals around the circumference of said base for the rotation of the connector.

39. (Previously Presented) The infusion set of Claim 15, wherein said base comprises at least two barriers that are spaced apart from each other around a circumference of said base to create at least two rotational intervals around the circumference of said base for the rotation of the connector.

40. (Previously Presented) The infusion set of Claim 31, wherein said base comprises at least two barriers that are spaced apart from each other around a circumference of said base to create at least two rotational intervals around the circumference of said base for the rotation of the connector.

41. (New) The infusion set of Claim 1,

wherein the connector has a port, the tubing affixed to the port of the connector; and

wherein the connector comprises a single, unitary body in which the fluid flow path is contiguous with the port for providing a fluid flow connection between the port and the fluid flow path extending in generally the first linear direction.

42. (New) The method of Claim 10,

wherein the connector has a port, the tubing affixed to the port of the connector; and

wherein the connector comprises a single, unitary body in which the fluid flow path is contiguous with the port for providing a fluid flow connection between the port and the fluid flow path extending in generally the first linear direction.

43. (New) The infusion set of Claim 15,

wherein the connector portion has a port, the tubing affixed to the port of the connector portion; and

wherein the connector portion comprises a single, unitary body in which the fluid flow path is contiguous with the port for providing a fluid flow connection between the port and the fluid flow path extending in generally the first linear direction.

44. (New) The infusion set of Claim 31,

wherein the connector has a port, the tubing affixed to the port of the connector; and

wherein the connector comprises a single, unitary body in which the fluid flow path is contiguous with the port for providing a fluid flow connection between the port and the fluid flow path extending in generally the first linear direction.

45. (New) The infusion set of Claim 34,

wherein the connector has a port, the tubing affixed to the port of the connector; and

wherein the connector comprises a single, unitary body in which the fluid flow path is contiguous with the port for providing a fluid flow connection between the port and the fluid flow path extending in generally the first linear direction.